

## Project Design Phase-I Proposed Solution Template

Date	25 September 2022
Team ID	PNT2022TMID49457
Project Name	Fertilizers recommendation system for disease prediction
Team leader	R.Ishwarya
Team members	M.Anish Fathima, S. Emili, S. Lakshmipriya, A. Priyadarshini
Maximum Marks	2 Marks

### Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	Fertilizers recommendation system for disease prediction using Artificial intelligence
•	Idea / Solution description	<ul style="list-style-type: none"> <li>The main idea is to predict the plant disease and recommend fertilizer.</li> <li>Collecting the data sets. then we have to scan the leaf and analyze the disease through pattern matching of the current data sets.</li> <li>Then the fertilizer is recommended for the disease.</li> <li>we can also identify fruit and vegetable and recommend fertilizer.</li> </ul>
•	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>Providing information about the nearby fertilizer store.</li> <li>Providing web sites about the availability of fertilizer that is being recommended get remedy for the disease.</li> <li>Providing additional information about the plant.</li> </ul>
•	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>Farmer can get more satisfaction through this</li> </ul>



		<p>processing.</p> <ul style="list-style-type: none"> <li>• It increase yield and insure healthy produce by supplying the right balance of nutrients to the soil.</li> <li>• Increases fertilizer use efficeincy and reduce leaching, resulting in better tree growth greater yeild and give quality fruits.</li> </ul>
•	<b>Business Model (Revenue Model)</b>	<ul style="list-style-type: none"> <li>• Through Advertsement we can sell our project to the private organization and public sectors.</li> <li>• we can also give advertsement through the social media.</li> <li>• Disease prediction in plant is a more important factor in farmer industry and it let to economic development.</li> <li>• By giving additional information about the fertilizer it is very useful for farmers.</li> </ul>
•	<b>Scalability of the Solution</b>	<ul style="list-style-type: none"> <li>• By recommeding fertilizers advaading disease affected by a plants .</li> </ul>

